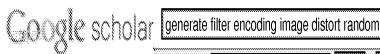
### 





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### Anticounterfeiting method and device utilizing holograms and pseudorandom dot patterns

SP McGrew - US Patent 5,396,559, 1995 - Google Patents

為供家 preferable to use a pseu- TV screen or other programmable spatial **filter** if the ... use as a pseugenerate a pseudorandom number sequence from the dorandom number generator is F(x ... both Amission by the method taught herein, so that the **image** projection and dot-encoding. ...

Cited by 191 - Related articles - All 2 versions

### A digital watermark

RG van Schyndel, AZ Tirkel... - Image Processing, 1994. ..., 1994 - leeexplore.ieee.org

... The authors are investigating LMS adaptive filter extraction algorithms to determine an optimum technique with minimal **image** ... express their gratitude to Mr. GARankin for his assistance in developing a program to generate and analyse ... IMAGE DATA (8 BITS) ENCODED IMAGE ...

Cited by 736 - Related articles - All 8 versions

(PDF) from psuledu

### Random phase encoding of composite fully complex filters

LG Hassebrook, ME Lhamon, RC Daley... - Optics ..., 1996 - opticsinfobase.org

... To demonstrate the performance that results from different encodings we tested the **filter** banks against degraded imagery. ... times, each time with a change of only the random seed for the scene noise generator. ... Therefore phase-only encoding could, by chance, have lower MPE. ...

Cited by 13 - Related articles - Bt. Direct - All 11 versions

(PDF) from louisville.edu

# Secure data hiding in wavelet compressed fingerprint images

NK Ratha, JH Connell... - ... of the 2000 ACM workshops on ..., 2000 - portal acm.org

... Our approach is motivated by the desire to create on-line fingerprint authentication systems for commercial ... 25 corresponds to the cascading path of '00,10,00,11' through the filter bank. ... To hide such a message during the image encoding process, there are three basic steps as ...

Cited by 60 - Related articles - All 14 versions

#### (PDF) from psuledu

## Encoding amplitude information onto phase-only filters

JA Davis, DM Cottrell, J Campos, MJ Yzuel... - Applied ..., 1999 - opticsinfobase.org

... 5d where we have lowered the threshold used to make the in-verse filter. ... 9 is modified by the encoding process. ... Then we create a distorted modulation function M u, using an appropriate lookup table that com- pensates for the distortion created by the sinc func- tion. ...

Cited by 82 - Related articles - Bt. Direct - All 7 versions.

# Image signal encoding with variable low-pass filter

B Astle - US Patent 6,026,190, 2000 - Google Patents

... decoded **image** signals involves upsampling the U and V component signals to **generate** full-sampled ... pixel processor 106 or capture processor 104 may perform the filtering of **filter** 303. Those skilled in the 60 art will further appreciate that additional **encoding** processes may be ...

Cited by 20 - Related articles - All 2 versions

### HIPS: Image processing under UNIX. Software and applications

MS Landy, Y Cohen... - Behavior Research Methods, 1984 - Springer

... **images** or sequences that are generated by computer graphics systems are usually **encoded** as points ... Other programs create photographic negatives (neg), perform thresholding (thresh), and apply linear and second ... The new **filter** is compiled and then applied to calcpix's input. ...

Cited by 41 - Related articles - All 3 versions

## Transparent embedment of data in a video signal

SE Zink... - US Patent 6,246,439, 2001 - Google Patents

... as bits **encoded** with an FEC channel code, as discussed previously, matched **filter** 108 output ... a correlation mixer 116 for each of the patterns produced by the pattern **generator** 106 so ... 30 Thus the present invention provides for transparently **encoding** data into a video **image** by ...

Cited by 25 - Related articles - All 2 versions

## Image encoding by vector quantization of regions of an image and codebook updates

UO Normile... - US Patent 5,822,465, 1998 - Google Patents

... Conversely, compressed **images** 102 may be applied to a decoder 131, as shown in FIG. U, in order to **generate** decompressed **images** 132. ... Decoder 131 requires the use of the same codebook 105 which was used to **encode** the **image**. ...

Cited by 71 - Related articles - All 2 versions

## Phase coding technique for one-way image transmission through an aberrating medium

J Khoury, CL Woods... - US Patent 5,555,128, 1996 - Google Patents

... the **image** receptor SLM, from the phase aberration measurement probe, enabling the probe to be employed to **generate** an interference ... are: 1) the binary phase coded or binary phase only **filter** (BPOF), (7) 3) the amplitude **encoded** binary phase only **filter** (AEB- POF ...

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